

Serial No. 10/539,186
Reply to Office Action of September 2, 2009
Examiner: Gary K. Graham
Docket: VAL 206 P2 - WDE 0545

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A wiper system for a windscreen of a vehicle, in particular of a motor vehicle, comprising two simultaneously driven windscreens wipers and comprising a drive rod between a motor and a first wiper bearing of a wiper shaft, wherein the motor and the drive rod are arranged and designed in such a way that at least a driver-side crank can be provided for driving said wiper shaft, said driver-side crank having an end fixed to said wiper shaft and a free end, with a line of projection extending from said fixed end outward through said free end, said driver-side crank and said line of projection in each position during movement of said driver-side crank is oriented from said wiper shaft in a direction towards a vehicle center and generally between said first wiper bearing and a second wiper bearing, said first wiper bearing being associated with a first wiper and said second wiper bearing being associated with a second wiper.

wherein a passenger-side wiper shaft is driven via a transmission rod which is indirectly connected to the motor by said driver-side crank.

2. (Cancelled)

3. (Currently Amended) The wiper system according to claim 1, wherein the motor is arranged in front of and at a distance from said first wiper bearing in a direction of travel (Y) of the vehicle.

4. (Previously Presented) The wiper system according claim 1, wherein the motor is connected to a driver-side wiper bearing via the drive rod.

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5. (Previously Presented) The wiper system according to claim 4, wherein said driver-side wiper bearing is arranged close to an A-column of the vehicle.
6. (Previously Presented) The wiper system according to claim 1, wherein wiper bearings are arranged in such a way that an essentially parallel alignment of at least one windscreen wiper with respect to a respective vehicle column of the vehicle is achieved in an upper wiper end position.
7. (Currently Amended) The wiper system according to claim 1, A wiper system for a windscreen of a vehicle, in particular of a motor vehicle, comprising two simultaneously driven windscreen wipers and comprising a drive rod between a motor and a first wiper bearing of a wiper shaft, wherein the motor and the drive rod are arranged and designed in such a way that at least a driver-side crank can be provided for driving said wiper shaft, said driver-side crank having an end fixed to said wiper shaft and a free end, with a line of projection extending from said fixed end outward through said free end, said driver-side crank and said line of projection in each position during movement of said driver-side crank is oriented from said wiper shaft in a direction towards a vehicle center and generally between said first wiper bearing and a second wiper bearing, said first wiper bearing being associated with a first wiper and said second wiper bearing being associated with a second wiper;
wherein a passenger-side wiper shaft is driven via a transmission rod which is indirectly connected to the motor by a said driver-side crank.
- 8 - 10. (Cancelled)
11. (Previously Presented) The wiper system according to claim 1, wherein it is a wiper system which operates in opposite directions.
12. (Cancelled)

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13. (Currently Amended) The wiper system according to claim 12, wherein the said motor is arranged in front of and at a distance from a wiper bearing in the direction of travel (Y) of the said vehicle.

14. (Currently Amended) A wiper system for use on a vehicle having a windscreen and an associated A-column, said wiper system comprising:

a motor for driving a first windshield wiper coupled to a first bearing and a second windshield wiper coupled to a second bearing;

a drive rod for coupling said motor to said first and second bearings; and

at least one crank for coupling at least one of said first bearing or said second bearing to said drive rod;

said drive rod, said motor and said at least one crank being situated generally between said first and second bearings at all times during wiping and permitting at least one of said first or second windshield wipers to become situated generally parallel to said associated A-column during wiping and generally between said first bearing and a second bearing, said first bearing being associated with a first wiper and said second bearing being associated with a second wiper, said at least one crank having a fixed end and a free end, with a line of projection extending from said fixed end outward through said free end, said at least one crank and said line of projection in each position during movement of said at least one crank is oriented from said wiper shaft in a direction towards a vehicle center and generally between said first bearing and said second bearing, said first bearing being associated with a first wiper and said second bearing being associated with a second wiper.

wherein a passenger-side wiper shaft is driven via a transmission rod which is indirectly connected to the motor by said at least one crank.

15. (Previously Presented) The wiper system as recited in claim 14, wherein said at least one crank is oriented towards a center of the vehicle and between said first and second bearings.

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16. (Previously Presented) The wiper system as recited in claim 14, wherein said motor is situated in a vehicle direction location of said first and second windshield wipers.

17. (Previously Presented) The wiper system as recited in claim 14, wherein said first windshield wiper is associated with a driver's side of said vehicle, said at least one crank being situated toward a center of said vehicle and generally between said first and second bearings when said first windshield wiper is generally parallel to an A-frame of said vehicle.

18. (Previously Presented) The wiper system as recited in claim 14, wherein said motor is situated between a drive arm and a front of said vehicle.

19 - 21. (Cancelled)

22. (Currently Amended) A windshield wiper system for driving a first windshield wiper blade and a second windshield wiper blade in a vehicle comprising a driver's side frame and a passenger side frame, said windshield wiper system comprising:

a first bearing coupled to said first windshield wiper blade;
a second bearing coupled to said second windshield wiper blade; and
drive linkage coupling said first and second bearings to a motor in order to permit at least one of said first or second windshield wiper blades to become generally parallel to said driver's side frame or said passenger side frame, respectively;

said drive linkage comprising a driver-side crank having a fixed end and a free end, with a line of projection extending from said fixed end outward through aid-said free end, said driver-side crank and said line of projection in each position during movement said line of projection is oriented from said wiper shaft in a direction towards a vehicle center and generally between said first bearing and a second bearing, said first bearing being associated with a first wiper and said second bearing being associated with a second wiper of said driver-side crank;

wherein a passenger-side wiper shaft is driven via a transmission rod which is indirectly connected to the motor by said driver-side crank.

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23. (Cancelled)

24. (Previously Presented) The windshield wiper system as recited in claim 22, wherein said drive linkage comprises at least one crank oriented towards a center of the vehicle and between said first and second bearings.

25. (Previously Presented) The windshield wiper system as recited in claim 22, wherein said motor is situated between said drive linkage and a front of said vehicle in vehicle direction location.

26. (Previously Presented) The windshield wiper system as recited in claim 22, wherein said first windshield wiper blade is associated with said driver's side frame of said vehicle, said drive linkage comprising at least one crank situated toward a center of said vehicle and generally between said first and second bearings when said first windshield wiper blade is generally parallel to said driver's side frame of said vehicle.

27. (Cancelled)

28. (Previously Presented) The windshield wiper system as recited in claim 14, wherein a drive linkage comprises a drive arm coupled to said motor, said motor being situated between said drive arm and a front of said vehicle.